

ES-11 Incentives for Advanced Fossil Fuel Technologies that Yield Carbon Reduction Benefits

Assessment: High Priority. Bin B. 20 out of 22 votes.

Advanced fossil technologies produce lower CO₂ pounds per MWh as a result of more efficient generating technologies (i.e., integrated gasification combined cycle or oxy-combustion technologies) which may also be coupled with carbon capture and sequestration equipment (i.e., chilled ammonia scrubbing). Incentives may be in the form of direct subsidies such as tax incentives to help bridge the cost gap between advanced fossil technologies, compared to traditional technologies or assistance in securing financing. Addressing regulatory barriers may include revisiting the traditional utility least-cost/least risk regulatory standard or mitigating added risks and financing challenges of advanced fossil technologies with assured, timely cost-recovery.